Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

- 1. (Previously presented) An improved phosphor structure for an electroluminescent display, said structure comprising a phosphor laminate of;
 - a blue light emitting phosphor thin film layer;
- a fluoride containing layer provided directly adjacent and in contact with said phosphor thin film layer, wherein said fluoride containing layer is provided on the top and/or bottom of said phosphor thin film layer.
- 2. (Original) The structure of claim 1, wherein said blue light emitting phosphor thin film layer is selected from the group consisting of a rare earth metal activated barium thioaluminate and a rare earth metal activated magnesium barium thioaluminate.
- 3. (Original) The structure of claim 2, wherein said phosphor thin film layer is represented by $Mg_wBa_{x-w}Al_yS_z$:Eu where w = 0 0.2, x = 1.0, y = 2.0 6.0 and z = 4.0 10.0.
- 4. (Original) The structure of claim 3, wherein said fluoride containing layer is selected from aluminum fluoride and alkaline earth fluoride compounds and mixtures thereof.
- 5. (Original) The structure of claim 4, wherein said alkaline earth fluoride compounds are selected from the group consisting of barium fluoride and magnesium fluoride.
- 6. (Original) The structure of claim 4, wherein said fluoride containing layer has a thickness of about 5 nm to about 50 nm.
- 7. (Original) The structure of claim 4, wherein fluorine from said fluoride containing layer may partially infuse into said phosphor thin film layer.

- 8. (Original) The structure of claim 4, wherein said structure comprises a fluoride containing layer on the top of said phosphor thin film layer and a fluoride containing layer on the bottom of said phosphor thin film layer.
- 9. (Original) The structure of claim 4, wherein said structure is annealed onto a substrate at an annealing temperature of up to about 700°C.
- 10. (Original) The structure of claim 9, wherein said structure is annealed onto a substrate at an annealing temperature of up to about 650°C.
- 11. (Original) The structure of claim 10, wherein said structure is annealed onto a substrate at an annealing temperature of about 600°C.
- 12. (Original) The structure of claim 9, wherein said substrate is selected from the group consisting of glass and glass ceramic.
- 13. (Original) The structure of claim 4, wherein said fluoride containing layer is deposited by electron beam evaporation.
- 14. (Original) The structure of claim 13, wherein said fluoride containing layer is co-deposited with said phosphor thin film.
- 15. (Original) The structure of claim 3, wherein said phosphor thin film layer additionally comprises oxygen.
- 16. (Original) The structure of claim 15, wherein said phosphor thin film layer contains up to about 25 atomic percent oxygen.
- 17. (Original) A thick film dielectric electroluminescent device constructed on a glass or glass ceramic substrate and comprising;
- an europium activated barium thioaluminate or magnesium barium thioaluminate phosphor film, wherein said phosphor film is in contact with at least one fluoride containing thin film.
- 18. (Original) The device of claim 17, wherein said fluoride containing thin film is selected from the group consisting of an alkaline earth fluoride, aluminum fluoride and mixtures thereof.

- 19. (Original) The device of claim 18, wherein said alkaline earth fluoride is selected from the group consisting of barium fluoride and magnesium fluoride.
- 20. (Original) The device of claim 18, wherein said fluoride containing thin film has a thickness of about 5 nm to about 50nm.
- 21. (Original) The device of claim 20, wherein said fluoride containing thin film has a thickness of about 20nm to about 30 nm.
- 22. (Original) The device of claim 21, wherein said phosphor film is represented by $Mg_wBa_{x-w}Al_yS_z$: Eu where w = 0 0.2, x = 1.0, y = 2.0 6.0 and z = 4.0 10.0.
- 23. (Original) The device of claim 22, wherein said phosphor film has a thickness of about 400nm to about 600nm.
- 24. (Original) The device of claim 22, wherein said phosphor film has oxygen incorporated therein.
- 25. (Original) The device of claim 24, wherein said phosphor film has up to 25% atomic percent oxygen.
- 26. (Original) The device of claim 17, wherein said phosphor film is annealed at a temperature of up to about 700°C.
- 27. (Original) The device of claim 26, wherein said phosphor film is annealed onto said substrate at an annealing temperature of up to about 650°C.
- 28. (Original) The device of claim 27, wherein said phosphor film is annealed onto said substrate at an annealing temperature of about 600°C.
- 29. (Withdrawn) A method for making a laminate of a rare earth activated thioaluminate based phosphor and fluoride layer for use in a thick film dielectric electroluminescent device, said method comprising;
- i) deposition of a fluoride containing layer onto a glass or glass ceramic substrate incorporating a first set of address lines and a dielectric layer;

- ii) deposition of an europium activated barium thioaluminate or magnesium barium thioaluminate phosphor film onto said fluoride layer, wherein said film may optionally have oxygen incorporated therein; and
 - ii) annealing said phosphor film at a temperature of up to about 700°C.
- 30. (Withdrawn) The method of claim 29, wherein said fluoride containing layer is selected from aluminum fluoride and alkaline earth fluoride compounds and mixtures thereof.
- 31. (Withdrawn) The method of claim 30, wherein said alkaline earth fluoride compounds are selected from the group consisting of barium fluoride and magnesium fluoride.
- 32. (Withdrawn) The method of claim 30, wherein said fluoride containing layer has a thickness of about 20nm to about 50 nm.
- 33. (Withdrawn) The method of claim 32, wherein said fluoride containing layer has a thickness of about 20nm to about 30nm.
- 34. (Withdrawn) The method of claim 32, wherein fluorine from said fluoride containing layer may partially infuse into said phosphor thin film layer.
- 35. (Withdrawn) The method of claim 29, wherein said fluoride containing layer and said phosphor thin film is co-deposited.
- 36. (Withdrawn) The method of claim 29, wherein the volume ratio of deposited fluoride to deposited thioaluminate is in the range of about 0.02 to 0.1.
- 37. (Withdrawn) The method of claim 29, wherein the volume ratio of deposited fluoride to deposited thioaluminate is in the range of about 0.05 to 0.1.

- 38. (Withdrawn) The method of claim 29, wherein said phosphor film is represented by $Mg_wBa_{x-w}Al_yS_z$:Eu where w = 0 0.2, x = 1.0, y = 2.0 6.0 and z = 4.0 10.0.
- 39. (Withdrawn) The method of claim 38, wherein said phosphor film has a thickness of about 400nm to about 600nm.
- 40. (Withdrawn) The method of claim 38, wherein said phosphor film has oxygen incorporated therein.
- 41. (Withdrawn) The method of claim 40, wherein said oxygen is present in an amount of up to about 25 atomic percent.
- 42. (Withdrawn) The method of claim 29, wherein said fluoride containing layer is deposited by electron beam evaporation.
- 43. (Withdrawn) The method of claim 42, wherein electron beam evaporation is conducted at a rate of about 40-300 Angstroms per minute at a pressure range of about 1 to 5 x 10⁻⁷ torr onto a substrate of temperature of about 150°C.
- 44. (Withdrawn) The method of claim 43, wherein said substrate is selected from glass and glass ceramic material.
- 45. (New) An improved phosphor structure for an electroluminescent display, said structure comprising a phosphor laminate of;
 - a blue light emitting phosphor layer;
 - a dielectric layer disposed on a substrate; and
- a fluoride containing layer provided directly adjacent and in contact with said phosphor layer, wherein said fluoride containing layer is provided on the top and/or bottom of said phosphor layer.